

# Stream & Watershed Integrated Management (SWIM) Workshop

Springbrook Conservation Education Center  
July 17-19, 2012



## **Tuesday – July 17, 2012**

9:00 am Check-in – classrooms  
9:30 am Welcome  
9:45 am Introduction

### *Part I: How Streams Work*

10:00 am Iowa's Streams & Rivers: A Landscape Perspective – *Keith Schilling*  
10:45 am Break – Refreshments in the cafeteria  
11:00 am Watershed Principles (geology, hydrology, landforms, soils, watershed morphology & mapping) – *Keith Schilling*  
Noon Lunch – Cafeteria  
12:45 pm Stream Primary Components (water, energy, sediment, vegetation) – *Tom Isenhardt*  
2:15 pm Hydro-connectivity (channels) – *Greg Simmons*  
3:00 pm Break – Refreshments in the cafeteria  
3:15 pm Hydro-connectivity (floodplains, riparian corridors) – *Greg Gelwicks*  
4:00 pm Social  
5:30 pm Dinner (fish fry) - Cafeteria

## **Wednesday – July 18, 2012**

7:00 am Breakfast – Cafeteria

### *Part II: Stream Ecology – Classrooms*

8:00 am Intro to Stream Ecology – *Tom Isenhardt*

9:00 am Prepare for field work (Refreshments in the cafeteria)  
9:15 am Meet in parking lot to carpool  
9:30 am Stream biota & habitat – *Tom Isenhardt*  
11:00 am Water Quality Monitoring & Assessments – *Tom Wilton*  
Noon Lunch in the field  
12:30 pm Stream Visual Assessment – *Tom Isenhardt*  
4:00 pm Meet at benches outside of cafeteria to review findings  
6:00 pm Dinner – Cafeteria

## **Thursday – July 19, 2012**

7:00 am Breakfast & move out of dorms

### *Part III: Solving Stream Problems – Classrooms*

8:00 am Local, State & Federal Conservation Programs – *Jason Hart*  
8:30 am Social Sciences of Improving Streams – *Jessie Brown*  
9:00 am In-stream Habitat Rehabilitation – *Greg Simmons*  
9:30 am Landscape Conservation Practices – *Jason Hart & Kevin Kuhn*  
10:00 am Break – Refreshments in the Cafeteria then meet in parking lot to carpool  
10:15 am Developing a Conservation Plan & Reports – *Jason Hart & Kevin Kuhn*  
Noon Lunch in the field  
12:45 pm Continue development of projects  
1:30 pm Present & discuss project plans – Classroom  
2:00 pm Workshop Summary/Evaluation  
3:00 pm Adjourn